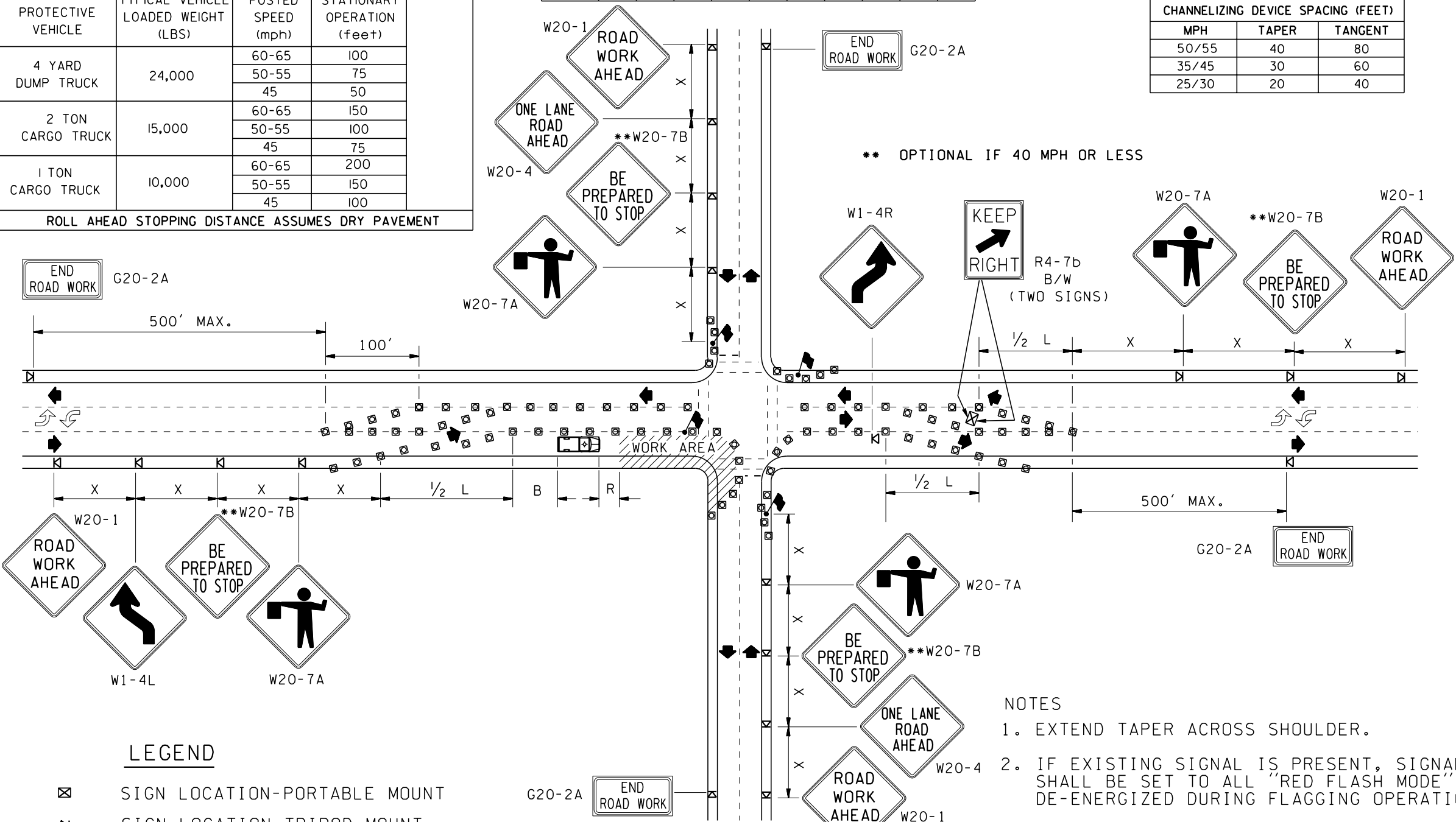


BUFFER DATA									
BUFFER SPACE = B									
SPEED (MPH)	25	30	35	40	45	50	55		
LENGTH (feet)	55	85	120	170	220	280	335		
PROTECTIVE VEHICLE ROLL AHEAD DISTANCE = R									
TYPICAL LOADED PROTECTIVE VEHICLE	TYPICAL VEHICLE LOADED WEIGHT (LBS)		POSTED SPEED (mph)		STATIONARY OPERATION (feet)				
4 YARD DUMP TRUCK	24,000		60-65		100				
			50-55		75				
			45		50				
2 TON CARGO TRUCK	15,000		60-65		150				
			50-55		100				
			45		75				
1 TON CARGO TRUCK	10,000		60-65		200				
			50-55		150				
			45		100				
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT									

MINIMUM TAPER LENGTH = L (FEET)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55			
10	105	150	205	270	450	500	550			
11	115	165	225	295	495	550	605			
12	125	180	245	320	540	600	660			

SIGN SPACING = X (FEET)		
Rural Roads	45/55 MPH	500'+-
Urban Arterials	35/40 MPH	350'+-
Urban Streets Residential Areas & Business Districts	25/30 MPH	200'+-
All signs are black on orange unless otherwise designated.		

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/55	40	80
35/45	30	60
25/30	20	40



LEGEND

- SIGN LOCATION-PORTABLE MOUNT
- SIGN LOCATION-TRIPOD MOUNT
- FLAGGING STATION
- TEMPORARY TRAFFIC CONTROL DEVICES
- PROTECTIVE VEHICLE (WHEN SPECIFIED IN CONTRACT)
- PROTECTIVE VEHICLE WITH TRUCK MOUNTED ATTENUATOR (WHEN SPECIFIED IN CONTRACT FOR HIGH SPEED ROADWAYS)

- NOTES
1. EXTEND TAPER ACROSS SHOULDER.
 2. IF EXISTING SIGNAL IS PRESENT, SIGNAL SHALL BE SET TO ALL "RED FLASH MODE" OR DE-ENERGIZED DURING FLAGGING OPERATIONS.
 3. IF THE LANE SHIFT IS SHORT AND HAS SHARP CURVES (30 MPH OR LESS) USE SIGN W1-3 IN LIEU OF SIGN W1-4.



INTERSECTION
LANE CLOSURE
THREE LANE ROADWAY
STANDARD PLAN K-15

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 12-20-02

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.